

1. (Twice amended) A curing composition of a fluororubber comprising

100 parts by weight of a fluororubber which is curable with an organic peroxide

0.1 to 10 parts by weight of a polyfunctional unsaturated compound, and

0.3 to 1.2 parts by weight of a organic peroxide selected from the group consisting of dicumyl peroxide, tert.-butylcumyl peroxide and di-tert.-butyl peroxide,

wherein the total amount of acetone and tert.-butanol contained in the decomposed products of one mole of said organic peroxide, which are generated at a curing temperature, is 2 moles or less, and wherein the contribution of secondary curing to a compression set defined by the following formula is 30 % or less:

$$((CS_1 - CS_2)/CS_2) \times 100\%$$

in which CS_1 is the compression set of a product from primary curing for 10 minutes at 160°C and CS_2 is the compression set of a product from secondary curing for 4 hours at 180°C.

5. (Amended) A molded article of a fluororubber comprising a cured material of a curing composition wherein the composition comprises 100 parts by weight of a fluororubber which is curable with an organic peroxide 0.1 to 10 parts by weight of a polyfunctional unsaturated compound, and

C2
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0.3 to 1.2 parts by weight of a organic peroxide selected from the group consisting of dicumyl peroxide, tert.-butylcumyl peroxide and di-tert.-butyl peroxide, wherein the total amount of acetone and tert.-butanol contained in the decomposed products of one mole of said organic peroxide, which are generated at a curing temperature, is 2 moles or less, and wherein the contribution of secondary curing to a compression set defined by the following formula is 30 % or less:

$$((CS_1 - CS_2) / CS_2) \times 100\%$$

in which CS_1 is the compression set of a product from primary curing for 10 minutes at 160°C and CS_2 is the compression set of a product from secondary curing for 4 hours at 180°C.

C3

7. (Amended) A curing composition of a fluororubber comprising 100 parts by weight of a fluororubber which is curable with an organic peroxide,

0.1 to 10 parts by weight of a polyfunctional unsaturated compound, and

0.3 to 1.2 parts by weight of an organic peroxide,

wherein the total amount of acetone and tert.-butanol contained in the decomposed products of one mole of said organic peroxide, which are generated at a curing temperature, is 2 moles or less, and the contribution of secondary curing to compression set defined by the following formula is 30% or less:

$$((CS_1 - CS_2) / CS_2) \times 100\%$$

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in which CS_1 is the compression set of a product from primary curing for 10 minutes at 160°C, and CS_2 is the compression set of a product from secondary curing for 4 hours at 180°C, when said curing composition is cured to obtain a molded article.
